

INTERNATIONAL SEARCH REPORT

International Application No.

PC1/EP2004/013711

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16K31/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 322 260 A (FORBES ET AL) 21 June 1994 (1994-06-21) cited in the application abstract; figure 1	1
A	DE 199 22 414 C1 (DEUTSCHES ZENTRUM FUER LUFT- UND RAUMFAHRT EV) 23 November 2000 (2000-11-23) cited in the application abstract; figures 1-6	1
A	US 3 543 797 A (WILLIAM C. MCNUTT ET AL) 1 December 1970 (1970-12-01) abstract; figures 1,2	1
A	US 4 682 508 A (STEINER ET AL) 28 July 1987 (1987-07-28) abstract; figures 1-5	1

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

17 February 2005

Date of mailing of the international search report

02/03/2005

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Information on patent family members

International Application No

PCT/EP2004/013711

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5322260	A	21-06-1994	DE 4418129 A1 FR 2705754 A1 KR 148600 B1	01-12-1994 02-12-1994 18-02-1999
DE 19922414	C1	23-11-2000	EP 1052441 A2 ES 2216753 T3	15-11-2000 01-11-2004
US 3543797	A	01-12-1970	NONE	
US 4682508	A	28-07-1987	NONE	

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